

## PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY model] Version 3.50 (Build 0002.169)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	PP05-0104
I	Title of Invention	HYDROCARBON CRACKING CATALYST AND METHOD FOR PREPARING THE SAME
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	LG CHEM, LTD.
II-5	Address	LG Twin Towers, East Tower 20, Yeouido-dong, Yeongdeungpo-gu Seoul 150-721 Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-42-866-2695
II-9	Facsimile No.	82-042-863-2053
II-10	e-mail	hjhong@lgchem.com
II-11	Applicant's registration No. with the Office	1-2001-013456-3

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III-1	Applicant and/or inventor	applicant only all designated States except US LG PETROCHEMICAL CO., LTD. Jungheung-dong 754, Yeosu-si Jeollanam-do 555-805 Republic of Korea KR KR 82-42-866-2695 82-042-863-2053 hjhong@lgchem.com 1-1998-097871-9
III-1-1	This person is	
III-1-2	Applicant for	
III-1-4	Name	
III-1-5	Address	
III-1-6	State of nationality	
III-1-7	State of residence	
III-1-8	Telephone No.	
III-1-9	Facsimile No.	
III-1-10	e-mail	
III-1-11	Applicant's registration No. with the Office	
III-2	Applicant and/or inventor	applicant and inventor US only JEONG, Sang-mun Chonggu Narae Apt. 108-1603, Jeonmin-dong, Yuseong-gu Daejeon 305-729 Republic of Korea KR KR
III-2-1	This person is	
III-2-2	Applicant for	
III-2-4	Name (LAST, First)	
III-2-5	Address	
III-2-6	State of nationality	
III-2-7	State of residence	
III-3	Applicant and/or inventor	applicant and inventor US only LEE, Won-hee Gangbyeon Apt. 112-1005, Mannyeon-dong, Seo-gu Daejeon 302-741 Republic of Korea KR KR
III-3-1	This person is	
III-3-2	Applicant for	
III-3-4	Name (LAST, First)	
III-3-5	Address	
III-3-6	State of nationality	
III-3-7	State of residence	

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III-4	<b>Applicant and/or inventor</b>	applicant and inventor
III-4-1	This person is	US only
III-4-2	Applicant for	CHAE, Jong-hyun
III-4-4	Name (LAST, First)	Dungji Apt. 106-602, Dunsan-dong, Seo-gu
III-4-5	Address	Daejeon 302-734
		Republic of Korea
III-4-6	State of nationality	KR
III-4-7	State of residence	KR
III-5	<b>Applicant and/or inventor</b>	applicant and inventor
III-5-1	This person is	US only
III-5-2	Applicant for	KANG, Jun-han
III-5-4	Name (LAST, First)	Dong-myeon 354, Yeongi-gun
III-5-5	Address	Chungcheongnam-do 339-860
		Republic of Korea
III-5-6	State of nationality	KR
III-5-7	State of residence	KR
IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	CHO, In-Jae
IV-1-2	Address	3rd Fl., Janghyun Bldg., 637-23, Yeoksam-dong, Gangnam-gu Seoul 135-909 Republic of Korea
IV-1-3	Telephone No.	82-2-566-8300
IV-1-4	Facsimile No.	82-2-557-5558
IV-1-5	e-mail	ijcho@newkoreaip.com
IV-1-6	Agent's registration No.	9-1999-000606-6

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<b>V</b>	<b>DESIGNATIONS</b>	
<b>V-1</b>	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
<b>V-2</b>	Item V-2 may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. As to the consequences of such national law provisions in these and certain other States, see Designations in PCT-SAFE Help.	<b>KR</b>
<b>VI-1</b>	Priority claim of earlier national application	
<b>VI-1-1</b>	Filing date	22 April 2004 (22.04.2004)
<b>VI-1-2</b>	Number	10-2004-0027842
<b>VI-1-3</b>	Country	<b>KR</b>
<b>VI-2</b>	Priority document request  The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	<b>VI-1</b>
<b>VII-1</b>	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)
<b>VIII</b>	<b>Declarations</b>	<b>Number of declarations</b>
<b>VIII-1</b>	Declaration as to the identity of the inventor	-
<b>VIII-2</b>	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
<b>VIII-3</b>	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
<b>VIII-4</b>	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
<b>VIII-5</b>	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	17	-
IX-3	Claims	4	-
IX-4	Abstract	1	✓
IX-5	Drawings	1	-
IX-7	TOTAL	28	
	<b>Accompanying Items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	CHO, In-Jae	
X-1-2	Name of signatory		
X-1-3	Capacity		
X-2	Signature of applicant, agent or common representative		
X-2-1	Name (LAST, First)		
X-2-2	Name of signatory		
X-2-3	Capacity		

PP05-0104

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
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